



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

Chem Comm-Shawnee
ID #: *KSD980632962*
Break: *2.3*
Other: *EPA*
11-21-91

Date: NOV 21 1991

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: BI2FZ
Site Description: CCI-Shawnee
FROM: *13R* Andrea Jirka *M. Thomas*
Chief, Laboratory Branch, ENSV
TO: Thomas T. Holloway, Ph.D.
Chief, EP&R/ENSV
ATTN: G. Hess

Attached is the data transmittal for the above referenced site. This should be considered a Partial or X Complete data transmittal (completes transmittal of). If you have any questions or comments, please contact Dee Simmons at 551-5129.

cc: Data File



Site Name: CCI- Shawnee Site Number: FZ
Location: Shawnee, ~~KS~~ Johnson Co. KS Site Code:

```

: Sample Media (circle one):
: SOIL DUST, RINSATE, SEDIMENT, WATER, OTHER:-----
:
: Sample Split (circle one): YES NO
:

```

8 oz	white	none	* Copper + Boron ⁰ (Sx04)
8 oz	white	none	* Fluoride (Sx05) * Soil pH. (Sx01)
			* Add (Sx01) to solid

Depth: 0-3" Fan #: ----- Aliquots: 7
Samplers: G. NESS
R. Crossland

Site Description: - Spill area of Copper Fluo Borate.
Soil area which has white sand like material
(center of spill area.)

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: CCI- Shawnee Site Number: FZ
Location: Shawnee, Johnson Co. KANSAS Site Code:

Collected: YR: 91 MO: 11 Day: 13 Time: 1100 Leader: G. Ness

Sample Number: BIZ FZ - 002 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES NO

Sample Container : Tag Color : Preservative : Analysis Requested :

8 oz	White	None	Copper Boron S (M9) (5x09)
8 oz	White	None	Fluoride (5x05)
			Soil pH (SFOL 5x05)
			Add (5607) to solids

Depth: 0-2" Fan #: _____ Aliquots: 7

Samplers: G. Ness

R. Crossland

COMMENTS OF FIELD PERSONNEL

Site Description: Spill Area of Copper Fluor Borate at
edge of Dead vegetation.

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: CCI Site Number: FZ
Location: Shawnee Johnson Co. KS Site Code:

Collected: YR: 91 MO: 11 Day: 13 Time: 1110 Leader: G. Hess

Sample Number: BIZFZ - 003 SMO #: _____

Sample Media (circle one):

SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container : Tag Color : Preservative : Analysis Requested :

8 oz	white	none	Copper + Boron ^D (5x04)
8 oz	white	none	Fluorine (5x05) soil PH (5x05) AAA (5601) 90 solids

Depth: 2 Fan #: _____ Aliquots: 7

Samplers: G. Hess

R. Cross and

COMMENTS OF FIELD PERSONNEL

Site Description: Background Sample
Sample obtained at South West corner
of AAA Insurance Property (property w/ pole building)

**CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII**

*M11/14/91
F490*

ACTIVITY LEADER(Print) Hess	NAME OF SURVEY OR ACTIVITY CCI- Shawnee	DATE OF COLLECTION 13 / 11 / 91 DAY MONTH YEAR	SHEET 1 of 1
---------------------------------------	---	---	-------------------------------

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS				VOA SET (2 VIALS EA)	SAMPLED MEDIA					RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	CUBITAINER	BOTTLE	BOTTLE	BOTTLE		WATER	SOIL	SEDIMENT	DUST	OTHER	
BT2F2-001		2				X					
BT2F2-002		2				X					
BT2F2-003		2				X					
<i>Nothing Follows</i>											

DESCRIPTION OF SHIPMENT

MODE OF SHIPMENT

_____ PIECE(S) CONSISTING OF _____ BOX(ES)
1 ICE CHEST(S); OTHER _____

_____ COMMERCIAL CARRIER: _____
 _____ COURIER
 _____ SAMPLER CONVEYED (SHIPPING DOCUMENT NUMBER) _____

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
<i>Shawnee</i>	<i>11/14/91</i>	<i>8:30</i>	<i>Michael</i>	<i>Analysis</i>
<input checked="" type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED			<input checked="" type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED			<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED			<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: 11-20-91

SUBJECT: Activity Number: 812FZ
Site Description: CEL

FROM: Debye E. Wanner
ESAT

TO: LABO Primary File

Comments regarding the subject activity are as follows:

Sample Number: 001-003 total metals

The ~~matrix~~ matrix spike duplicate recovery
for copper was out of control. The method
standard recoveries were all in control. The
actual sample value for copper is in a
range 7207-8788 mg/kg. The data may be
deemed acceptable for its intended purpose,
as noted here.

O.K.
McThomson
11/20/91

PRELIMINARY DATA
SUBJECT TO REVISION

ACTIVITY B12FZ CHEMICAL COMMODITIES-SHAWNEE

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET, AIRS, OR ARCHIVE.

CIRCLE ONE: STORET AIRS ARCHIVE

DATA APPROVED BY LABO FOR TRANSMISSION TO PROJECT LEADER ON 11/21/91 11:31:16 BY

M. Thomas
FOR A. JIRKA

ANALYSIS REQUEST REPORT

VALIDATED DATA

FOR ACTIVITY: BI2FZ

HESS, G.

06/10/92 15:53:47

ALL REAL SAMPLES AND FIELD Q.C.

* FINAL REPORT

FY: 92 ACTIVITY: BI2FZ DESCRIPTION: CHEMICAL COMMODITIES-SHAWNEE LOCATION: SHAWNEE KANSAS
STATUS: ACTIVE TYPE: SAMPLING - IN HOUSE ANALYSIS PROJECT: A31

LABO DUE DATE IS 11/29/91. REPORT DUE DATE IS 11/12/92.

INSPECTION DATE: 11/13/91 ALL SAMPLES RECEIVED DATE: 11/14/91

ALL DATA APPROVED BY LABO DATE: 11/21/91

FINAL REPORT TRANSMITTED DATE: 00/00/00

EXPECTED LABO TURNAROUND TIME IS 15 DAYS

EXPECTED REPORT TURNAROUND TIME IS 365 DAYS

ACTUAL LABO TURNAROUND TIME IS 7 DAYS

ACTUAL REPORT TURNAROUND TIME IS 0 DAYS

SITE CODE: SITE:

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	LAY- SECT	ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
001	S		CCI-SHAWNEE-CENTER OF SPILL AREA	5	SHAWNEE	KANSAS				11/13/91	10:45	/ /	:
002	S		CCI-SHAWNEE-SPILL AREA OF CU-EDGE	5	SHAWNEE	KANSAS				11/13/91	11:00	/ /	:
003	S		CCI-SHAWNEE-BACKGROUND SAMPLE	5	SHAWNEE	KANSAS				11/13/91	11:10	/ /	:

EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

SAMPLE INFORMATION:

SAMP. NO. = SAMPLE IDENTIFICATION NUMBER (A 3-DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND OCC, PROVIDES AN UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES)

OCC = QUALITY CONTROL CODE (A ONE-LETTER CODE USED TO DESIGNATE SPECIFIC QC SAMPLES. THIS FIELD WILL BE BLANK FOR ALL NON-QC OR ACTUAL SAMPLES):

A = TRUE VALUE FOR CALIBRATION STANDARD

B = CONCENTRATION RESULTING FROM DUPLICATE LAB SPIKE

C = MEASURED VALUE FOR CALIBRATION STANDARD

D = MEASURED VALUE FOR FILED DUPLICATE

F = MEASURED VALUE FOR FIELD BLANK

G = MEASURED VALUE FOR METHOD STANDARD

H = TRUE VALUE FOR METHOD STANDARD

K = CONCENTRATION RESULTING FROM DUPLICATE FIELD SPIKE

L = MEASURED VALUE FOR LAB DUPLICATE

M = MEASURED VALUE FOR LAB BLANK

N = MEASURED VALUE FOR DUPLICATE FIELD SPIKE

P = MEASURED VALUE FOR PERFORMANCE STANDARD

R = CONCENTRATION RESULTING FROM LAB SPIKE

S = MEASURED VALUE FOR LAB SPIKE

T = TRUE VALUE OF PERFORMANCE STANDARD

W = MEASURED VALUE FOR DUPLICATE LAB SPIKE

Y = MEASURED VALUE FOR FIELD SPIKE

Z = CONCENTRATION RESULTING FROM FIELD SPIKE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):

A = AIR

H = OTHER (DOES NOT FIT ANY OTHER CATEGORY)

S = SOLID (SOIL, SEDIMENT, SLUDGE)

T = TISSUE (PLANT & ANIMAL)

W = WATER (GROUND WATER, SURFACE WATER, WASTE WATER, DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION IDENTIFICATION NUMBER FOR EITHER OF THESE NATIONAL DATABASE SYSTEMS, AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED

BEG. DATE = DATE SAMPLING WAS STARTED

BEG. TIME = TIME SAMPLING WAS STARTED

END DATE = DATE SAMPLING WAS COMPLETED

END TIME = TIME SAMPLING WAS COMPLETED

NOTE: A GRAB SAMPLE WILL CONTAIN ONLY
BEG. DATE/TIME
A TIMED COMPOSITE SAMPLE WILL
CONTAIN BOTH BEG AND END DATE/TIME
TO DESIGNATE DURATION OF SAMPLE
COLLECTION

OTHER CODES:

V = VALIDATED

ANALYTICAL RESULTS/MEASUREMENTS INFORMATION:

COMPOUND = MGP (MEDIA-GROUP-PARAMETER) CODE AND NAME OF THE MEASURED CONSTITUENT OR CHARACTERISTIC OF EACH SAMPLE

UNITS = SPECIFIC UNITS IN WHICH RESULTS ARE REPORTED:

C = CENTIGRADE (CELSIUS) DEGREES

CFS = CUBIC FEET PER SECOND

GPM = GALLONS PER MINUTE

IN = INCHES

I.D. = SPECIES IDENTIFICATION

KG = KILOGRAM

L = LITER

LB = POUNDS

MG = MILLIGRAMS (1 X 10⁻³ GRAMS)

MGD = MILLION GALLONS PER DAY

MPH = MILES PER HOUR

MV = MILLIVOLT

M/F = MALE/FEMALE

M2 = SQUARE METER

M3 = CUBIC METER

NA = NOT APPLICABLE

NG = NANOGRAMS (1 X 10⁻⁹ GRAMS)

NTU = NEPHELOMETRIC TURBIDITY UNITS

PC/L = PICO (1 X 10⁻¹²) CURRIES PER LITER

PG = PICOGRAMS (1 X 10⁻¹² GRAMS)

P/CM2 = PICOGRAMS PER SQUARE CENTIMETER

SCM = STANDARD CUBIC METER (1 ATM. 25 C)

SQ FT = SQUARE FEET

SU = STANDARD UNITS (PH)

UG = MICROGRAMS (1 X 10⁻⁶ GRAMS)

UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)

U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS

U/CM2 = MICROGRAMS PER SQUARE CENTIMETER

1000G = 1000 GALLONS

+/- = POSITIVE/NEGATIVE

= NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS, OR USED TO EXPLAIN THE ABSENCE OF A SPECIFIC VALUE:

BLANK = IF FIELD IS BLANK, NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA, THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.

I = INVALID SAMPLE/DATA - VALUE NOT REPORTED

J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES

K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED

L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED

M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION

O = PARAMETER NOT ANALYZED

U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT

ACTIVITY: 2-B12FZ

VALIDATED DATA

COMPOUND	UNITS	001	002	003		
SF01 PH. SOIL	SU	4.61	5.57	6.05		
SG07 SOLIDS, PERCENT	%	75.9	78.0	76.5		
SM09 COPPER, TOTAL, BY ICAP	MG/KG	10000	1200	28.2		
SX04 BORON	MG/KG	1900	250	10.4		
SX05 FLUORIDE	MG/KG	4750	1060	3.66		
ZZ01 SAMPLE NUMBER	NA	001	002	003		
ZZ02 ACTIVITY CODE	NA	B12FZ	B12FZ	B12FZ		

VALIDATED DATA

ACTIVITY BI2FZ CHEMICAL COMMODITIES-SHAWNEE

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET, AIRS, OR ARCHIVE.

CIRCLE ONE: STORET AIRS ARCHIVE

FINAL DATA REPORT APPROVED BY PROJECT LEADER ON 06/10/92 15:53:47 BY

G. K. Hume